



CALL FOR PAPERS

IEEE Transactions on Information Forensics and Security: **Special Issue on Electronic Voting**

Following the discovery of a wide variety of flaws in electronic voting technology used in the US and other parts of the world, there has recently been a spurt of research activity related to electronic voting. The activity has been broad, ranging from the design of voting systems that specify what information is collected from voters and how it is used to determine one or many winners, through the development of cryptographic vote counting systems and the experimental security analysis of deployed voting systems, the experimental study of the usability of voting systems, to the development of methods for identifying election fraud. Most of the work has of necessity been interdisciplinary, involving contributions from experts in the areas of cryptography, computer security, information theory, political science, statistics, usability, game theory, mathematical modeling, etc.

This special issue aims to provide an overview of the research area of electronic voting, with a focus on original results. The scope includes both remote and polling-place voting, and the areas of interest include – but are not limited to – the following:

- Voting theory, including voting models
- Cryptographic voting systems
- Formal security analysis of voting systems
- Experimental security analysis of voting systems
- Evaluations and ratings of voting systems
- Usability and accessibility of voting systems
- History of voting technology
- Components building-blocks of voting systems, such as anonymous voting channels and secure bulletin boards
- Fraud/anomaly detection in elections
- Political districting and the allocation of voting technology

MANUSCRIPT SUBMISSION:

Information about the style of submitted manuscripts, including maximum page length, can be found at <http://www.signalprocessingsociety.org/publications/periodicals/forensics/forensics-authors-info/>. Manuscripts should be clearly marked for the special issue. Papers must not have appeared elsewhere, and must not be in review elsewhere. All papers will be reviewed in accordance with the procedures of the IEEE Transactions.

IMPORTANT DATES:

1. Submission deadline: 15 February 2009
2. First Review: 18 May 2009
3. Final Decision: 22 September 2009
4. Final manuscript due: 22 October 2009
5. Tentative publication date: 1 December 2009

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